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Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Thu May 24 14:35:48 EDT 2007

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Application No: 09874350 Version No: 7.0

Input Set:

Output Set:

**Started:** 2007-05-18 14:42:59.649  
**Finished:** 2007-05-18 14:43:09.553  
**Elapsed:** 0 hr(s) 0 min(s) 9 sec(s) 904 ms  
**Total Warnings:** 221  
**Total Errors:** 480  
**No. of SeqIDs Defined:** 221  
**Actual SeqID Count:** 221

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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
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E 257	Invalid sequence data feature in <221> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)

**Input Set:**

**Output Set:**

**Started:** 2007-05-18 14:42:59.649  
**Finished:** 2007-05-18 14:43:09.553  
**Elapsed:** 0 hr(s) 0 min(s) 9 sec(s) 904 ms  
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**Total Errors:** 480  
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W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (14)
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W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
E 330	Invalid protein , found in SEQID(16) POS (4)Invalid Protein:Asx
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W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed

**Input Set:**

**Output Set:**

**Started:** 2007-05-18 14:42:59.649  
**Finished:** 2007-05-18 14:43:09.553  
**Elapsed:** 0 hr(s) 0 min(s) 9 sec(s) 904 ms  
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**Total Errors:** 480  
**No. of SeqIDs Defined:** 221  
**Actual SeqID Count:** 221

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# SEQUENCE LISTING

<110> Oncoimmunin, Inc.  
Komoriya, Akira  
Packard, Beverly

<120> COMPOSITIONS FOR THE DETECTION OF ENZYME ACTIVITY IN BIOLOGICAL  
SAMPLES AND METHODS OF USE THEREOF

<130> 300-903840US

<140> 09874350

<141> 2001-06-04

<150> US 09/874,350

<151> 2001-06-04

<150> PCT/US98/00300

<151> 1998-02-20

<150> PCT/US00/24882

<151> 2000-09-11

<150> US 09/394,019

<151> 1999-09-10

<150> US 08/802,981

<151> 1997-02-20

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<210> 15

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<211> 16

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Gly Tyr

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Gly Tyr

<210> 36

<211> 18

<212> PRT

<213> Artificial

<220>

<223> Synthetic peptide substrate

<220>

<221> MOD\_RES

<222> (3)..(3)

<223> X is alpha aminoisobutyric acid

<220>

<221> MOD\_RES

<222> (4)..(4)

<223> X is epsilon amino caproic acid

<220>

<221> misc\_feature

<222> (14)..(14)

<223> Xaa can be any naturally occurring amino acid

<400> 36

Lys Asp Xaa Xaa Gly Asn Glu Val Asn Gly Ile Asn Gly Xaa Pro Lys

1

5

10

15

Gly Tyr

<210> 37

<211> 19

<212> PRT

<213> Artificial

<220>

<223> Synthetic peptide substrate

<220>

<221> MOD\_RES

<222> (3)..(3)

<223> Aib

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<222> (4)..(4)



<223> X is epsilon aminocaproic acid

<220>

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<222> (6)..(6)

<223> X is tetrahydroisoquinoline-3-carboxylic acid

<220>

<221> MOD\_RES

<222> (15)..(15)

<223> X is epsilon aminocaproic acid

<400> 37

Lys Asp Xaa Xaa Gly Xaa Asp Glu Val Asp Gly Ile Asp Gly Xaa Pro

1 5 10 15